

ABSTRACT

A METHOD TO ROUTE A PACKET SWITCHED MODE CALL

A method to route a packet switched mode call (PS) from a first terminal (T1) of a first user (A) who desires to communicate with a second user (B), to a second terminal (T2) of the second user (B) in a multi media telecommunication network is described. The method comprises registering the second user (B) via the second terminal (T2) according to a bearer level of the telecommunication network. Thereby bearer level location information (GPRS-LOC-B) of the second user (B) that is stored in a bearer level location register (HLR) of said telecommunication network is provided. The method further comprises, in the event when the second user (B) is not registered for call control on an application level of the telecommunication network:

a) upon reception of the packet switched mode call for the second user (B), retrieving by a call service means (CSM) the bearer level location information (GPRS-LOC-B) of the second user (B) from the bearer level location register (HLR); and

b) transmitting by the call service means (CSM) an alerting message (ALT), on the bearer level, according to the bearer level location information (GPRS-LOC-B) to the second terminal (T2) of the second user (B).

Hereby is this second terminal (T2) alerted of an incoming packet switched mode call (PS) and is thereby enabled to initialize an application register message (REG) for call control on the application level. Application level location information (SIP-LOC-B) is provided for storage in an application level location register (HPD) of the telecommunication network. The telecommunication network is enabled to route the packet switched mode call (PS) to the second terminal (T2) of the second user (B) on the application level according to the application level location information (SIP-LOC-B).